

IN THE CLAIMS:

1. (Currently Amended) A process for determining the cutting positions of a plurality of web strands, wherein said web strands are brought together into a bounded strand in a rotary printing press and are cross-cut, said process comprising the steps of:

a) bringing together said web strands into a bounded strand;

b) recording a common measured value for said cutting position of said web strands in the bounded strand;

c) recording, for each of said web strands, an individual strand measured value for said cutting positions of said web strands before bringing said strands together;

d) using said recorded common measured value in a common control device to determine said cutting positions of said web strands in said bounded strand; and

e) forming a common adjusting signal for said bounded strand in said common control device using by comparing said common measured value with a set point value, wherein

for each web strand, an individual adjusting signal is formed, and wherein said common adjusting signal and said respective individual strand measured value are used to form said respective individual adjusting signal.

2. (Canceled).

3. (Previously Presented) A process in accordance with claim 1, wherein said bounded strand and an individual web strand are brought together and the cutting position of said

individual web strand is also determined by using said recorded common measured value to determine the cutting positions of said web strands, including determining the cutting positions of said web strands, from said individual strand measured values and said common measured value for said individual web strand.

4. (Previously Presented) A process in accordance with claim 1, wherein said common measured value recorded in said bounded strand is used for a synchronous control of a register control unit for said web strands.

5. (Previously Presented) A process in accordance with claim 1, wherein values for the cutting positions are set manually at a start-up time of the rotary printing press and measured values for the cutting positions are stored as reference values.

6. (Currently Amended) A device for determining cutting positions of web strands, which are brought together into a bounded strand, in a rotary printing press and are cross-cut, said device comprising:

a) at least one sensor for said bounded strand wherein a common measured value for the cutting positions of said web strands in said bounded strand is recorded;

b) a plurality of web strand sensors for individually recording an individual strand measured values for the cutting positions of each of said web strands before said web strands are brought together;

c) a common control device having a set point transducer, wherein said common control device forms a common adjusting signal for said bounded strand by comparing a set point value from said set point transducer and said common strand measured value; and

d) an individual control device for each ~~[[webb]]~~ web strand, which forms an individual adjusting signal for said respective web strand, using said common adjusting signal and said respective individual strand measured value.

7. (Canceled).

8. (Previously Presented) A device in accordance with claim 6, wherein said web strand sensors and said sensor for said bounded strand are an optical scanner for detecting a printed pattern.

9. (Previously Presented) A device in accordance with claim 6, wherein said web strand sensors and said sensor for said bounded strand detect a set of optical print marks, which are always printed along in a same area on a plurality of pages of different printed products.

10. (Canceled).

11. (Previously Presented) A device in accordance with claim 6, wherein said individual control device is assigned to each web strand and each individual control device forms an

adjusting signal for its assigned individual web strand.

12. (Previously Presented) A device in accordance with claim 11, wherein said individual strand measured values for the cutting positions of said web strands are sent to said individual control devices for said individual web strands as controlled variables.

13-14. (Canceled).

15. (Previously Presented) A process in accordance with claim 1, wherein said bounded strand and another bounded strand are brought together and the cutting position of said other bounded strand is also determined by using said recorded common measured value to determine the cutting positions of said web strands, including determining the cutting positions of said web strands from said individual strand measured values and said common measured value determined for said web strands of said other bounded strand in said other bounded strand.

16. (Previously Presented) A device in accordance with claim 6, wherein said common measured value for the cutting positions of said web strands in said bounded strand is recorded in said bounded strand by said sensor for said bounded strand, on a single web strand of said bounded strand.

17. (Previously Presented) A device in accordance with claim 6, further comprising:

a control device, wherein a common measured value for cutting positions of said web strands in said bounded strand and said individual strand measured values for said cutting positions of said web strands are sent to said control device and said control device forms adjusting signals individually for web strands from said common measured value and said individual strand measured values.

18. (Previously Presented) A device in accordance with claim 6, wherein said control device includes:

a common control device which forms an adjusting signal for said bounded strand; and
a plurality of individual control devices, each individual control device forms an individual adjusting signal for each said web strands, wherein said common measured value is sent to said common control device to form an adjusting signal for said bounded strand, and said individual strand measured values are sent to said individual control devices which form individual adjusting signals for said web strands.

19-22. (Canceled).